

Euan K. Brechin

List of Publications by Year in descending order

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papers

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11608

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#	ARTICLE	IF	CITATIONS
1	The coordination chemistry of <i>p</i> -tert-butylcalix[4]arene with paramagnetic transition and lanthanide metal ions: an Edinburgh Perspective. Dalton Transactions, 2022, 51, 4213-4226.	1.6	11
2	Hybrid lanthanide double-deckers based on calixarene and polyoxometalate units. Dalton Transactions, 2022, 51, 5409-5413.	1.6	6
3	Guest-induced magnetic exchange in paramagnetic [M ₂ L ₄] ⁴⁺ coordination cages. Dalton Transactions, 2022, 51, 8377-8381.	1.6	5
4	Photoinduced Jahn–Teller switch in Mn(terpyridine) complexes. Dalton Transactions, 2022, 51, 10751-10757.	1.6	3
5	Utilizing Raman Spectroscopy as a Tool for Solid- and Solution-Phase Analysis of Metalloorganic Cage Host–Guest Complexes. Inorganic Chemistry, 2022, , .	1.9	1
6	A new twist on an old ligand: a [Mn ₁₆] double square wheel and a [Mn ₁₀] contorted wheel. Inorganic Chemistry Frontiers, 2021, 8, 1804-1809.	3.0	3
7	Design of pure heterodinuclear lanthanoid cryptate complexes. Chemical Science, 2021, 12, 6983-6991.	3.7	9
8	[(VIVO) ₂ MII ₅] (M = Ni, Co) Anderson wheels. Dalton Transactions, 2021, 50, 12495-12501.	1.6	3
9	A [Mn ₁₈] wheel-of-wheels. Chemical Communications, 2021, 57, 4122-4125.	2.2	10
10	Phosphorylated-calix[4]arene double-deckers of single rare earth metal ions. Chemical Communications, 2021, 57, 8087-8090.	2.2	4
11	[Fe ₁₅]: a frustrated, centred tetrakis hexahedron. Chemical Communications, 2021, 57, 8925-8928.	2.2	14
12	Exploiting host–guest chemistry to manipulate magnetic interactions in metallosupramolecular M ₄ L ₆ tetrahedral cages. Chemical Science, 2021, 12, 5134-5142.	3.7	22
13	The structural manipulation of a series of Ni ₄ defective dicubanes: Synthesis, X-ray Structures, Magnetic and Computational analyses. Dalton Transactions, 2021, 50, 5318-5326.	1.6	5
14	Exploiting complementary ligands for the construction of square antiprismatic monometallic lanthanide SMMs. Dalton Transactions, 2021, 50, 9648-9654.	1.6	7
15	[CrIII8NiII6] ⁿ⁺ Heterometallic Coordination Cubes. Molecules, 2021, 26, 757.	1.7	1
16	Synthesis and Characterization of Symmetrically <i>versus</i> Unsymmetrically Proton-Bridged Hexa-Iron Clusters. ACS Omega, 2021, 6, 16661-16669.	1.6	4
17	Oxidation state variation in bis-calix[4]arene supported decametallc Mn clusters. Dalton Transactions, 2021, 50, 17566-17572.	1.6	0
18	An [FeIII ₃₀] molecular metal oxide. Chemical Communications, 2021, 58, 52-55.	2.2	9

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19	The first amino acid bound manganese–calcium clusters: a $\{[\text{MnIII}_3\text{Ca}]_2\}$ methylalanine complex, and a $[\text{MnIII}_6\text{Ca}]$ trigonal prism. <i>Dalton Transactions</i> , 2020, 49, 10339-10343.	1.6	4
20	Pressure-and temperature induced phase transitions, piezochromism, NLC behaviour and pressure controlled Jahn–Teller switching in a Cu-based framework. <i>Chemical Science</i> , 2020, 11, 8793-8799.	3.7	17
21	Putting the Squeeze on Molecule-Based Magnets: Exploiting Pressure to Develop Magneto-Structural Correlations in Paramagnetic Coordination Compounds. <i>Magnetochemistry</i> , 2020, 6, 32.	1.0	7
22	Magneto-structural studies of an unusual $[\text{Mn}^{\text{III}}\text{Mn}^{\text{II}}\text{Gd}^{\text{III}}(\text{OR})_4]_4$ partial cubane from 2,2-bis(<i>p</i> - <i>t</i> -Bu-calix[4]arene). <i>Dalton Transactions</i> , 2020, 49, 14790-14797.	1.6	7
23	Kinetic selection of Pd_4L_2 metallocyclic and Pd_6L_3 trigonal prismatic assemblies. <i>Chemical Communications</i> , 2020, 56, 11799-11802.	2.2	6
24	Phthalocyanine-polyoxotungstate lanthanide double deckers. <i>Dalton Transactions</i> , 2020, 49, 16638-16642.	1.6	11
25	A Brucite-Like Mixed-Valent Cluster Capped by $[\text{MnIIIp-tBu-calix[4]arene}]^{\sim}$ Moieties. <i>Chemistry</i> , 2020, 2, 253-261.	0.9	2
26	With complements of the ligands: an unusual <i>S</i> -shaped $[\text{Mn}_7]_2$ assembly from tethered calixarenes. <i>Dalton Transactions</i> , 2020, 49, 9882-9887.	1.6	4
27	Vibrational coherences in manganese single-molecule magnets after ultrafast photoexcitation. <i>Nature Chemistry</i> , 2020, 12, 452-458.	6.6	31
28	A Ferromagnetically Coupled, Bell-Shaped $[\text{Ni}_4\text{Gd}_5]$ Cage. <i>Inorganic Chemistry</i> , 2019, 58, 11404-11409.	1.9	8
29	New salicylaldoximate-borate ligands resulting from anion hydrolysis and their respective copper and iron complexes. <i>Dalton Transactions</i> , 2019, 48, 11872-11881.	1.6	4
30	An $[\text{Fe III } 34]$ Molecular Metal Oxide. <i>Angewandte Chemie</i> , 2019, 131, 17059-17062.	1.6	4
31	An $[\text{Fe}^{\text{III}}]_{34}$ Molecular Metal Oxide. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16903-16906.	7.2	24
32	Molecular multifunctionality preservation upon surface deposition for a chiral single-molecule magnet. <i>Chemical Science</i> , 2019, 10, 3065-3073.	3.7	22
33	Crowding out: ligand modifications and their structure directing effects on brucite-like $\{M_x(\frac{1}{4}x_3\text{-OH})_y\}$ ($M = \text{Co}(\text{scp}^{\text{ii}})$, $\text{Ni}(\text{scp}^{\text{ii}})$) core growth within polymetallic cages. <i>Dalton Transactions</i> , 2019, 48, 1477-1488.	1.6	8
34	Effect of $\ddot{\text{C}}$ -aromatic spacers on the magnetic properties and slow relaxation of double stranded metallacyclophanes with a $\text{LnIII}^{\text{MII}}\text{LnIII}$ ($\text{LnIII}^{\text{MII}} = \text{GdIII}$, DyIII , YIII ; $\text{MII}^{\text{NiI}} = \text{NiI}$, CoII) linear topology. <i>Polyhedron</i> , 2019, 170, 373-387.	1.0	6
35	Mono- and ditopic hydroxamate ligands towards discrete and extended network architectures. <i>Dalton Transactions</i> , 2019, 48, 10180-10190.	1.6	8
36	Exploratory studies into 3d/4f cluster formation with fully bridge-substituted calix[4]arenes. <i>Supramolecular Chemistry</i> , 2018, 30, 504-509.	1.5	7

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37	Probing the origin of the giant magnetic anisotropy in trigonal bipyramidal Ni(Ni^{II}) under high pressure. <i>Chemical Science</i> , 2018, 9, 1551-1559.	3.7	52
38	Modular $[\text{Fe}^{\text{III}}_8\text{M}^{\text{II}}_6]^{n+}$ ($\text{M}^{\text{II}} = \text{Pd, Co, Ni, Cu}$) Coordination Cages. <i>Inorganic Chemistry</i> , 2018, 57, 3500-3506.	1.9	17
39	Order in disorder: solution and solid-state studies of $[\text{M}^{\text{III}}_2\text{M}^{\text{II}}_5]$ wheels ($\text{M}^{\text{III}} = \text{Cr, Al}$)	1.6	12
40	Vanadyl sulfates: molecular structure, magnetism and electrochemical activity. <i>Dalton Transactions</i> , 2018, 47, 15983-15993.	1.6	7
41	Cages on a plane: a structural matrix for molecular π -sheets TM . <i>Dalton Transactions</i> , 2018, 47, 15530-15537.	1.6	11
42	Site-Specific Metal Chelation Facilitates the Unveiling of Hidden Coordination Sites in an $\text{Fe}^{\text{II}}/\text{Fe}^{\text{III}}$ -Seamed Pyrogallol[4]arene Nanocapsule. <i>Journal of the American Chemical Society</i> , 2018, 140, 15611-15615.	6.6	17
43	Oxidation State Distributions Provide Insight into Parameters Directing the Assembly of Metal-Organic Nanocapsules. <i>Journal of the American Chemical Society</i> , 2018, 140, 13022-13027.	6.6	10
44	In situ redox reactions facilitate the assembly of a mixed-valence metal-organic nanocapsule. <i>Nature Communications</i> , 2018, 9, 2119.	5.8	19
45	A $[\text{Cr}_2\text{Ni}]$ coordination polymer: slow relaxation of magnetization in quasi-one-dimensional ferromagnetic chains. <i>Chemical Communications</i> , 2018, 54, 6153-6156.	2.2	4
46	A simple methodology for constructing ferromagnetically coupled Cr^{III} compounds. <i>Dalton Transactions</i> , 2018, 47, 8100-8109.	1.6	11
47	Self-assembly of the tetrachlorido(oxalato)rhenate(IV) anion with protonated organic cations: X-ray structures and magnetic properties. <i>CrystEngComm</i> , 2017, 19, 503-510.	1.3	9
48	Magneto-structural correlations in a family of di-alkoxo bridged chromium dimers. <i>Dalton Transactions</i> , 2017, 46, 7159-7168.	1.6	13
49	$[\text{M}^{\text{III}}_2\text{M}^{\text{II}}_3]^{n+}$ trigonal bipyramidal cages based on diamagnetic and paramagnetic metalloligands. <i>Chemical Science</i> , 2017, 8, 5526-5535.	3.7	18
50	A $[\text{Ce}_{21}]$ keplerate. <i>Dalton Transactions</i> , 2017, 46, 7677-7680.	1.6	7
51	Hexahalorhenate(Rh^{IV}) salts of metal oxazolidine nitroxides. <i>Dalton Transactions</i> , 2017, 46, 5250-5259.	1.6	10
52	Magneto-structural correlations in dirhenium(IV) complexes possessing magnetic pathways with even or odd numbers of atoms. <i>Dalton Transactions</i> , 2017, 46, 11890-11897.	1.6	4
53	Enhancement of Intermolecular Magnetic Exchange through Halogen-Halogen Interactions in Bisadeninium Rhenium(IV) Salts. <i>Crystal Growth and Design</i> , 2017, 17, 5342-5348.	1.4	13
54	Coming full circle: constructing a $[\text{Gd}_6]$ wheel dimer by dimer and the importance of spin topology. <i>Dalton Transactions</i> , 2017, 46, 10255-10263.	1.6	14

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55	Synthetic ability of dinuclear mesocates containing 1,3-bis(diazinecarboxamide)benzene bridging ligands to form complexes of increased nuclearity. Crystal structures, magnetic properties and theoretical studies. Dalton Transactions, 2017, 46, 10469-10483.	1.6	9
56	A New Family of 3^d-4^f-Bis-Calix[4]arene-Supported Clusters. Chemistry - A European Journal, 2017, 23, 14073-14079.	1.7	17
57	Importance of Steric Influences in the Construction of Multicomponent Hybrid Polymetallic Clusters. Inorganic Chemistry, 2017, 56, 10044-10053.	1.9	8
58	The remarkable influence of N^O-ligands in the assembly of a bis-calix[4]arene-supported [MnIV2MnIII10MnII8] cluster. Dalton Transactions, 2017, 46, 16807-16811.	1.6	11
59	Magneto-structural correlations in a family of Re^{IV}Cu^{II} chains based on the hexachlororhenate(^{iv}) metalloligand. Dalton Transactions, 2017, 46, 16025-16033.	1.6	13
60	Bis-Calix[4]arenes: From Ligand Design to the Directed Assembly of a Metal-Organic Trigonal Antiprism. Chemistry - A European Journal, 2016, 22, 8791-8795.	1.7	9
61	Pressure induced enhancement of the magnetic ordering temperature in rhenium(IV) monomers. Nature Communications, 2016, 7, 13870.	5.8	30
62	New members of the [Mn₆/oxime] family and analogues with converging [Mn₃] planes. Journal of Coordination Chemistry, 2016, 69, 826-840.	0.8	8
63	[Cr^{III}₈M^{II}₆]ⁿ⁺ (M^{II} = Cu, Co) face-centred, metallosupramolecular cubes. CrystEngComm, 2016, 18, 4914-4920.	1.3	10
64	Structurally Flexible and Solution Stable [Ln₄TM₈(OH)₈(L)₈(O₂CR)₈(MeOH)₈] ²⁺ A Playground for Magnetic Refrigeration. Inorganic Chemistry, 2016, 55, 10535-10546.	1.9	26
65	In search of molecules displaying ferromagnetic exchange: multiple-decker Ni₁₂ and Ni₁₆ complexes from the use of pyridine-2-amidoxime. Dalton Transactions, 2016, 45, 17409-17419.	1.6	20
66	A hexameric [MnIII18Na₆] wheel based on [MnIII3O]⁷⁺ sub-units. Chemical Communications, 2016, 52, 12829-12832.	2.2	13
67	Structural Trends in Calix[4]arene-Supported Cluster Chemistry. , 2016, , 671-689.		3
68	A Facile Synthetic Route to a Family of MnIIIMonomers and Their Structural, Magnetic and Spectroscopic Studies. European Journal of Inorganic Chemistry, 2016, 2016, 5123-5131.	1.0	3
69	Core expansion of bis-calix[4]arene-supported clusters. Chemical Communications, 2016, 52, 14246-14249.	2.2	13
70	Solvothermal synthesis of discrete cages and extended networks comprising {Cr(iii)3O(O2CR)3(oxime)3}2⁺ (R = H, CH3, C(CH3)3, C14H9) building blocks. RSC Advances, 2016, 6, 73668-73676.	1.7	2
71	Copper Keplerares: High-Symmetry Magnetic Molecules. ChemPhysChem, 2016, 17, 55-60.	1.0	19
72	Investigations into cluster formation with alkyl-tethered bis-calix[4]arenes. Supramolecular Chemistry, 2016, 28, 557-566.	1.5	9

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73	The Effect of Crystal Packing and Re^{IV} Ions on the Magnetisation Relaxation of $[\text{Mn}_6]$ -Based Molecular Magnets. <i>Chemistry - A European Journal</i> , 2015, 21, 8790-8798.	1.7	20
74	Facile Interchange of 3d and 4f Ions in Single-Molecule Magnets: Stepwise Assembly of $[\text{Mn}_4]$, $[\text{Mn}_3\text{Ln}]$ and $[\text{Mn}_2\text{Ln}_2]$ Cages within Calix[4]arene Scaffolds. <i>Chemistry - A European Journal</i> , 2015, 21, 11212-11218.	1.7	35
75	Frontispiece: Linked Supramolecular Building Blocks for Enhanced Cluster Formation. <i>Chemistry - A European Journal</i> , 2015, 21, n/a-n/a.	1.7	0
76	Single-Molecule Magnetism, Enhanced Magnetocaloric Effect, and Toroidal Magnetic Moments in a Family of Ln_4 Squares. <i>Chemistry - A European Journal</i> , 2015, 21, 15639-15650.	1.7	72
77	Studies on bifunctional Fe^{II} -triazole spin crossover nanoparticles: time-dependent luminescence, surface grafting and the effect of a silica shell and hydrostatic pressure on the magnetic properties. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7819-7829.	2.7	69
78	Mono- and tetra-nuclear copper complexes bearing bis(imino)phenoxide derived ligands: catalytic evaluation for benzene oxidation and ROP of μ -caprolactone. <i>RSC Advances</i> , 2015, 5, 57414-57424.	1.7	10
79	Linked Supramolecular Building Blocks for Enhanced Cluster Formation. <i>Chemistry - A European Journal</i> , 2015, 21, 2804-2812.	1.7	20
80	Effect of Protonated Organic Cations and Anion- π Interactions on the Magnetic Behavior of Hexabromorhenate(IV) Salts. <i>Crystal Growth and Design</i> , 2015, 15, 2598-2601.	1.4	23
81	Molecular Pac-Man and Tacos: layered Cu^{II} cages from ligands with high binding site concentrations. <i>Dalton Transactions</i> , 2015, 44, 13359-13368.	1.6	6
82	$[\text{Cr}^{\text{III}}_8\text{M}^{\text{II}}_6]^{12+}$ Coordination Cubes ($\text{M}^{\text{II}} = \text{Cu}, \text{Co}$). <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6761-6764.	7.2	42
83	Magnetic and magnetocaloric properties of an unusual family of carbonate-panelled $[\text{LnIII}_6\text{ZnII}_2]$ cages. <i>Dalton Transactions</i> , 2015, 44, 10315-10320.	1.6	27
84	Turning a "useless" ligand into a "useful" ligand: a magneto-structural study of an unusual family of Cu^{II} wheels derived from functionalised phenolic oximes. <i>Dalton Transactions</i> , 2015, 44, 10177-10187.	1.6	5
85	Hexakis(diethylacetamide)iron(III) hexahalorhenate(IV) ionic salts: X-ray structures and magnetic properties. <i>Polyhedron</i> , 2015, 98, 35-39.	1.0	4
86	A high-pressure crystallographic and magnetic study of $\text{Na}_5[\text{Mn}^{\text{II}}_2] \cdot 12\text{H}_2\text{O}$ (Mn^{II} -tart) <i>Tj ETQq0 0 0 rg16/Overlook 10 Tf 50</i>	1.6	19
87	Switching the orientation of Jahn-Teller axes in oxime-based Mn^{III} dimers and its effect upon magnetic exchange: a combined experimental and theoretical study. <i>Dalton Transactions</i> , 2015, 44, 19805-19811.	1.6	19
88	Crystal structure of 2-hydroxy-N-(2-hydroxyethyl)-N-[2-hydroxy-3-[(E)-N-hydroxyethanimidoyl]-5-methylbenzyl]ethanaminium acetate monohydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o186-o187.	0.2	0
89	Circular serendipity: <i>in situ</i> ligand transformation for the self-assembly of an hexadecametallic $[\text{Cu}^{\text{II}}_{16}]$ wheel. <i>Chemical Communications</i> , 2014, 50, 15002-15005.	2.2	21
90	A family of hexanuclear Mn^{III} single-molecule magnets. <i>Journal of Coordination Chemistry</i> , 2014, 67, 3972-3986.	0.8	12

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91	Combining Complementary Ligands into one Framework for the Construction of a Ferromagnetically Coupled [Mn ^{III} ₁₂] Wheel. Chemistry - A European Journal, 2014, 20, 3010-3013.	1.7	20
92	Three-Leaf Quantum Interference Clovers in a Trigonal Single-Molecule Magnet. Physical Review Letters, 2014, 113, 087201.	2.9	12
93	Converting an hexametallc Mn ^{III} wheel to a dodecametallic Mn ^{III} wheel via ligand oximation. Chemical Communications, 2014, 50, 3310-3312.	2.2	13
94	A family of cationic oxime-based hexametallc manganese(iii) single-molecule magnets. Dalton Transactions, 2014, 43, 4408-4414.	1.6	27
95	Surface Investigation on Gd ₄ M ₈ (M = Zn, Ni) Single Molecule Coolers. Advanced Functional Materials, 2014, 24, 4782-4788.	7.8	6
96	Metamagnetic behaviour in a new Cu(ii)Re(iv) chain based on the hexachlororhenate(iv) anion. Chemical Communications, 2014, 50, 5840.	2.2	25
97	Chiral Single-Chain Magnet: Helically Stacked [Mn ^{III} ₂ Cu ^{II}] Triangles. Inorganic Chemistry, 2014, 53, 4272-4274.	1.9	29
98	Bifunctional Zn ^{II} Ln ^{III} Dinuclear Complexes Combining Field Induced SMM Behavior and Luminescence: Enhanced NIR Lanthanide Emission by 9-Anthracene Carboxylate Bridging Ligands. Inorganic Chemistry, 2014, 53, 1465-1474.	1.9	95
99	Synthesis, Structure, and Magnetism of a Family of Heterometallic {Cu ₂ Ln ₇ } and {Cu ₄ Ln ₁₂ } (Ln = Gd, Tb). Inorganic Chemistry, 2014, 53, 13154-13161.	1.9	42
100	A family of [Ni ₈] cages templated by 1/4-peroxide from dioxygen activation. Inorganic Chemistry Frontiers, 2014, 1, 487-494.	3.0	6
101	Self-Assembly of the Hexabromorhenate(IV) Anion with Protonated Benzotriazoles: X-ray Structure and Magnetic Properties. Crystal Growth and Design, 2014, 14, 5985-5990.	1.4	17
102	Discovering the pivotal role of carbonate in the formation of a bis-phenolate supported Co ₁₅ cluster. Chemical Communications, 2014, 50, 2202-2204.	2.2	14
103	Oxalix[4]arene-supported di-, tetra- and undecanuclear copper(II) clusters. Dalton Transactions, 2014, 43, 5292-5298.	1.6	9
104	Combining oxime-based [Mn ₆] clusters with cyanometalates: 1D chains of [Mn ₆] SMMs from [M(CN) ₂] ⁺ (M = Au, Ag). Dalton Transactions, 2014, 43, 4622-4625.	1.6	7
105	CO ₂ as a reaction ingredient for the construction of metal cages: a carbonate-panelled [Gd ₆ Cu ₃] tridiminished icosahedron. Chemical Communications, 2014, 50, 3498-3500.	2.2	37
106	High nuclearity Ni(II) cages from hydroxamate ligands. RSC Advances, 2014, 4, 38182-38191.	1.7	15
107	Assembly of a calix[4]arene-supported Mn ^{III} Mn ^{II} cluster mediated by halogen interactions. CrystEngComm, 2014, 16, 8098-8101.	1.3	15
108	Bulking up: Hexanuclear oximate Fe(III) complexes surrounded by sterically demanding co-ligands. Inorganica Chimica Acta, 2014, 421, 416-422.	1.2	5

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109	A truncated [MnIII ₁₂] tetrahedron from oxime-based [MnIII ₃ O] building blocks. Dalton Transactions, 2014, 43, 10690-10694.	1.6	17
110	Closely-Related Zn ^{II} ₂ Ln ^{III} ₂ Complexes (Ln ^{III} = Gd, Yb) with Either Magnetic Refrigerant or Luminescent Single-Molecule Magnet Properties. Inorganic Chemistry, 2014, 53, 3586-3594.	1.9	93
111	Influencing the Orientation of Jahn-Teller Axes in Butterfly-Like MnIII ₄ Clusters. ChemPlusChem, 2014, 79, 667-670.	1.3	7
112	Dilution-Triggered SMM Behavior under Zero Field in a Luminescent Zn ₂ Dy ₂ Tetranuclear Complex Incorporating Carbonato-Bridging Ligands Derived from Atmospheric CO ₂ Fixation. Inorganic Chemistry, 2013, 52, 9620-9626.	1.9	113
113	Slow Magnetic Relaxation in a Co ^{II} –Y ^{III} Single-Molecule Magnet with Positive Axial Zero-Field Splitting. Angewandte Chemie - International Edition, 2013, 52, 9130-9134.	7.2	266
114	A cationic and ferromagnetic hexametallc Mn(III) single-molecule magnet based on the salicylamidoxime ligand. Dalton Transactions, 2013, 42, 12824.	1.6	24
115	A Dense Metal–Organic Framework for Enhanced Magnetic Refrigeration. Advanced Materials, 2013, 25, 4653-4656.	11.1	273
116	Cryogenic magnetocaloric effect in the Fe ₁₇ molecular nanomagnet. Polyhedron, 2013, 52, 1177-1180.	1.0	21
117	Reprint of "Cobalt(II) complexes of calix[6]arenes: Crystallographic studies into heteroatom bridge influence over discrete versus polymeric structure formation" Polyhedron, 2013, 64, 388-392.	1.0	0
118	From antiferromagnetic to ferromagnetic exchange in a family of oxime-based MnIII dimers: a magneto-structural study. Dalton Transactions, 2013, 42, 16510.	1.6	33
119	A bis-phenolate for the construction of linear lanthanide trimers. Chemical Communications, 2013, 49, 9552.	2.2	8
120	Squaring the cube: a family of octametallc lanthanide complexes including a Dy ₈ single-molecule magnet. Dalton Transactions, 2013, 42, 14693.	1.6	44
121	A 1-D coordination polymer based on a Mn ₄₀ octagonal super-structure. Chemical Communications, 2013, 49, 1061.	2.2	20
122	Progressive decoration of pentanuclear Cu(II) 12-metallacrown-4 nodes towards targeted 1- and 2D extended networks. CrystEngComm, 2013, 15, 6672.	1.3	27
123	Synthetic, structural, spectroscopic and theoretical study of a Mn(III)–Cu(II) dimer containing a Jahn–Teller compressed Mn ion. Dalton Transactions, 2013, 42, 207-216.	1.6	16
124	Nanoscale Control of Polyoxometalate Assembly: A {Mn ₈ W ₄ } Cluster within a {W ₃₆ Si ₄ Mn ₁₀ } Cluster Showing a New Type of Isomerism. Chemistry - A European Journal, 2013, 19, 2976-2981.	1.7	33
125	Cobalt(II) complexes of calix[6]arenes: Crystallographic studies into heteroatom bridge influence over discrete versus polymeric structure formation. Polyhedron, 2013, 55, 126-130.	1.0	7
126	A ferromagnetically coupled diphenoxo-bridged Gd ₃ –Mn ₂ dinuclear complex with a large magneto-caloric effect. Chemical Communications, 2013, 49, 3845.	2.2	52

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127	Complementary ligands direct the formation of a calix[8]arene-supported ferromagnetic MnIVMnIII dimer. Dalton Transactions, 2013, 42, 6697.	1.6	13
128	Homo- and heterometallic planes, chains and cubanes. Dalton Transactions, 2013, 42, 10315.	1.6	16
129	Relaxation dynamics in a $\text{Fe}^{\text{II}}_{\text{Mn}}^{\text{III}}$ nanomagnet. Physical Review B, 2013, 87, .	1.1	15
130	A flow-system array for the discovery and scale up of inorganic clusters. Nature Chemistry, 2012, 4, 1037-1043.	6.6	63
131	Net Toroidal Magnetic Moment in the Ground State of a Dy^{III}_6 -Triethanolamine Ring. Journal of the American Chemical Society, 2012, 134, 18554-18557.	6.6	157
132	Calixarene-supported rare-earth clusters: heteroatom bridge influences cluster composition. Chemical Communications, 2012, 48, 8493.	2.2	17
133	Twisted molecular magnets. Chemical Communications, 2012, 48, 181-190.	2.2	102
134	Calix[4]arene-supported rare earth octahedra. Chemical Communications, 2012, 48, 1449-1451.	2.2	65
135	Calixarene-supported clusters: employment of complementary cluster ligands for the construction of a ferromagnetic $[\text{Mn}_5]$ cage. Chemical Communications, 2012, 48, 11190.	2.2	34
136	Linking $[\text{Mn}_3]$ triangles with Co^{II} -phenolic oximes. Dalton Transactions, 2012, 41, 8777.	1.6	12
137	Increasing the dimensionality of cryogenic molecular coolers: Gd-based polymers and metal-organic frameworks. Chemical Communications, 2012, 48, 7592.	2.2	147
138	Old dog, new tricks: 2,2'-biphenol as a bridging and book-end ligand in discrete and extended $\text{Co}^{\text{(II)}}$ architectures. CrystEngComm, 2012, 14, 2732.	1.3	8
139	Oxalix[3]arene-supported supertetrahedron. Chemical Communications, 2012, 48, 9263.	2.2	21
140	Touching the upper limit for ferromagnetic interactions in hetero-bridged dinuclear $[\text{Cu}_2^{\text{II}}]^{\text{II}}$ complexes using a novel N_5 -dinucleating ligand bearing an endogenous monoatomic amido (R^{N})-bridging group. Chemical Communications, 2012, 48, 805-807.	2.2	14
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